ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	FLPV2-XX	Flexible LIght Pipe 2mm Adapter, Vertical w/ LED, See page 2
2	1	LC2-XX.X	2mm Flexible Light Pipe Lens Cap Assembly

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	09/14/09	T. Y.
B	Replaced 3UWC-0.6K-F with 3UWC1.035C-F	04/26/12	T. Y.
C	Updated Table For Length "L"	11/16/12	T. Y.
D	Updated LED Optical Characteristics	09/15/15	J. C.
E	Updated LED Tables	08/15/18	M. C.
F	Updated LED Tables	11/13/18	M. C.

NOTE: FLPV2-XX ADAPTER SHIPPED NON-ASSEMBLED

L
SEE TABLE 1

0.031 [0.8mm]
0.200 [5.1mm]
0.300 [7.6mm]
0.525 [13.3mm]
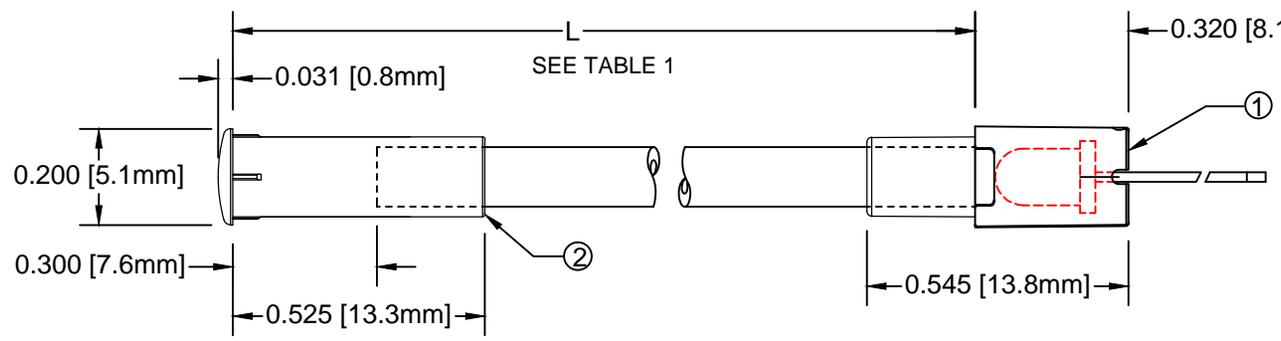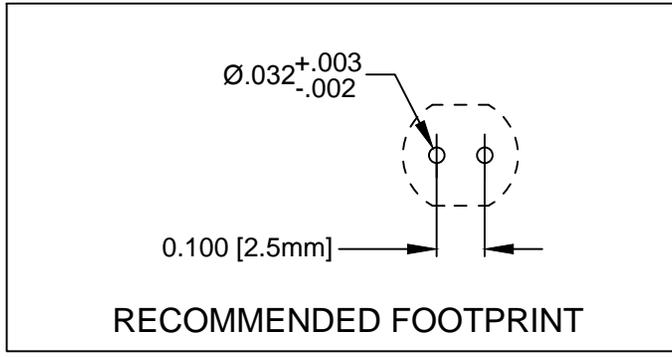①
②
0.320 [8.1mm]
0.545 [13.8mm]
0.240 [6.1mm]
0.210 [5.3mm]
0.100 [2.5mm]
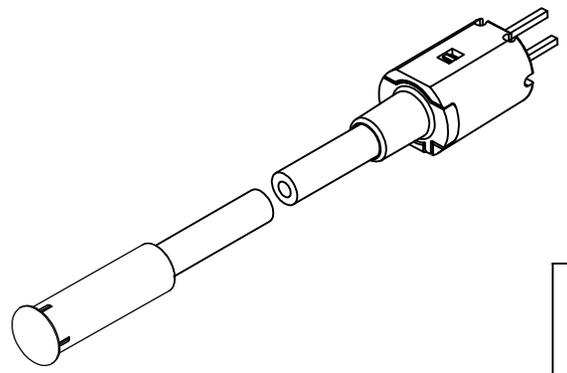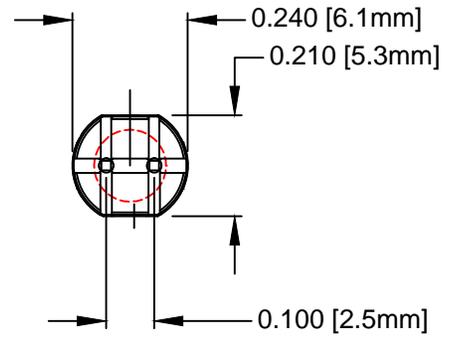
TABLE 1

" L " *	Tolerance
1.0" ~ 16.0"	±0.050"
16.1" ~ 40.0"	±0.15"
40.1" ~ 80.0"	±0.30"
80.1" ~ 3,940.0"	±0.5%

* Available in 0.1" increments only

SINGLE COLOR LED
SHORT LEAD CATHODE

BI-COLOR LED'S
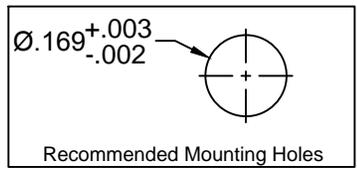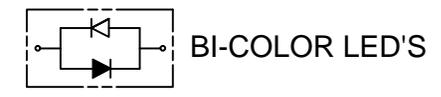
SHORT LEAD CATHODE	LED PART NO.	LONG LEAD CATHODE
RED	3xBCC-F	GREEN
YELLOW	3BC-Y/G-F	GREEN

$\varnothing.032^{+.003}_{-.002}$

0.100 [2.5mm]

RECOMMENDED FOOTPRINT

$\varnothing.169^{+.003}_{-.002}$

Recommended Mounting Holes

ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

REVERSE VOLTAGE ———————————— 5V

REVERSE CURRENT ———————————— 100uA

OPERATING TEMPERATURE RANGE ——————— −25˚ C − 85˚ C

STORAGE TEMPERATURE ———————— −30° C − 100° C

LEAD SOLDERING TEMPERATURE(1/16" FROM BODY) ————— 260˚ C FOR 5 SECONDS

FLEXIBLE LP ASSY Part No.	ADAPTER Part No.	LED Part No.	Peak Wave Length λp(nm)	Emitted Color	Electro-Optical Data @ 20mA		
					Vf (V)		Iv (mcd)
					TYP	MAX	TYP
FLP2VX.X-SG	FLPV2-SG	3SGC-F	568	SUPER GREEN	2.1	2.8	50
FLP2VX.X-SY	FLPV2-SY	3SYC-F	590	SUPER YELLOW	2.0	2.8	50
FLP2VX.X-SR	FLPV2-SR	3SRC-F	645	SUPER RED	1.7	2.4	60
FLP2VX.X-UBW	FLPV2-UBW	3UBWC-0.6K-F	470	BLUE	4.0	4.5	400
FLP2VX.X-UT	FLPV2-UT	3UTC-F	500	TURQUOISE	3.5	4.0	800
FLP2VX.X-UG	FLPV2-UG	3UGC-F	570	GREEN	2.1	2.4	200
FLP2VX.X-SUG	FLPV2-SUG	3SUGC-F	570	GREEN	2.1	2.4	300
FLP2VX.X-UY	FLPV2-UY	3UYC-F	590	YELLOW	2.0	2.4	300
FLP2VX.X-UR	FLPV2-UR	3URC-F	645	RED	1.7	2.4	200
FLP2VX.X-SUR	FLPV2-SUR	3SURC-F	640	RED	1.8	2.4	200
FLP2VX.X-UW	FLPV2-UW	3UWC1.035C-F	-	WHITE	3.2	3.6	6000

VISIT WWW.BIVAR.COM FOR CURRENT LED DATASHEETS
LED DETAILS ON DATASHEETS TAKE PRECEDENCE OVER DETAILS SHOWN HERE

FLEXIBLE LIGHT PIPE SERIES

FLP2V X.X - XXX

Emitted Colors

"L" LENGTH, inches
available in 0.1" increments only
e.g. 6.0, 11.5

BIVAR®

PART NO: FLP2VX.X-XX	REVISION: F
SCALE: NONE	SHEET # 2 OF 3
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING	

FLEXIBLE LP ASSY Part No.	Adapter Part No.	LED Part No.	Peak Wave Length λp(nm)	Emitted Color	Electro-Optical Data @ 20mA		
					Vf (V)		Iv (mcd)
					TYP	MAX	TYP
FLP2VX.X-BC	FLPV2-BC	3BCC-F	625	HE RED	2.0	2.8	8
			568	GREEN	2.1	2.8	8
FLP2VX.X-SBC	FLPV2-SBC	3SBCC-F	645	SUPER RED	1.7	2.4	100
			568	HE GREEN	2.1	2.8	60

VISIT WWW.BIVAR.COM FOR CURRENT LED DATASHEETS
LED DETAILS ON DATASHEETS TAKE PRECEDENCE OVER DETAILS SHOWN HERE

FLP2V X.X - XXX

FLEXIBLE LIGHT PIPE SERIES

Emitted Colors

"L" LENGTH, inches
available in 0.1" increments only
e.g. 6.0, 11.5

BIVAR®

PART NO: FLP2VX.X-XX	REVISION: F
SCALE: NONE	SHEET # 3 OF 3
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING	
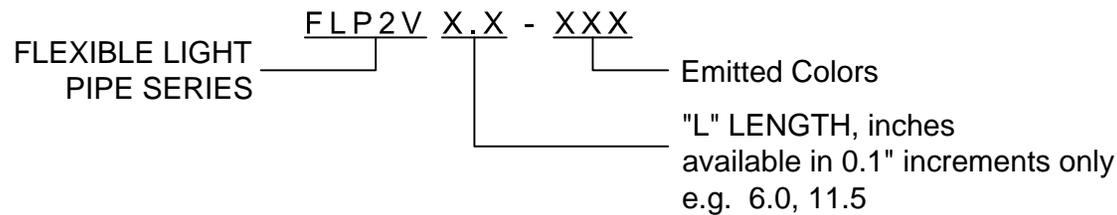
Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

BIVAR:

FLP2V1.5-SA FLP2V1.5-SUG FLP2V1.5-SUR FLP2V1.5-UBW FLP2V1.5-UW FLP2V10.0-SA FLP2V10.0-SUG FLP2V10.0-SUR FLP2V10.0-UBW FLP2V10.0-UW FLP2V10.5-SA FLP2V10.5-SUG FLP2V10.5-SUR FLP2V10.5-UBW FLP2V10.5-UW FLP2V11.0-SA FLP2V11.0-SUG FLP2V11.0-SUR FLP2V11.0-UBW FLP2V11.0-UW FLP2V11.5-SA FLP2V11.5-SUG FLP2V11.5-SUR FLP2V11.5-UBW FLP2V11.5-UW FLP2V12.0-SA FLP2V12.0-SUG FLP2V12.0-SUR FLP2V12.0-UBW FLP2V12.0-UW FLP2V2.0-SA FLP2V2.0-SUG FLP2V2.0-SUR FLP2V2.0-UBW FLP2V2.0-UW FLP2V2.5-SA FLP2V2.5-SUG FLP2V2.5-SUR FLP2V2.5-UBW FLP2V2.5-UW FLP2V3.0-SA FLP2V3.0-SUG FLP2V3.0-SUR FLP2V3.0-UBW FLP2V3.0-UW FLP2V3.5-SA FLP2V3.5-SUG FLP2V3.5-SUR FLP2V3.5-UBW FLP2V3.5-UW FLP2V4.0-SA FLP2V4.0-SUG FLP2V4.0-SUR FLP2V4.0-UBW FLP2V4.0-UW FLP2V4.5-SA FLP2V4.5-SUG FLP2V4.5-SUR FLP2V4.5-UBW FLP2V4.5-UW FLP2V5.0-SA FLP2V5.0-SUG FLP2V5.0-SUR FLP2V5.0-UBW FLP2V5.0-UW FLP2V5.5-SA FLP2V5.5-SUG FLP2V5.5-SUR FLP2V5.5-UBW FLP2V5.5-UW FLP2V6.0-SA FLP2V6.0-SUG FLP2V6.0-SUR FLP2V6.0-UBW FLP2V6.0-UW FLP2V6.5-SA FLP2V6.5-SUG FLP2V6.5-SUR FLP2V6.5-UBW FLP2V6.5-UW FLP2V7.0-SA FLP2V7.0-SUG FLP2V7.0-SUR FLP2V7.0-UBW FLP2V7.0-UW FLP2V7.5-SA FLP2V7.5-SUG FLP2V7.5-SUR FLP2V7.5-UBW FLP2V7.5-UW FLP2V8.0-SA FLP2V8.0-SUG FLP2V8.0-SUR FLP2V8.0-UBW FLP2V8.0-UW FLP2V8.5-SA FLP2V8.5-SUG FLP2V8.5-SUR FLP2V8.5-UBW FLP2V8.5-UW